## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re P	atent Applica	tion of:		
Yasuts	sugu KUROD	A, et al.		
Applica	ation No.: 09	/327,477	Group Art Unit: 2132	
Filed:	June 8, 1999		Examiner: Abdulhakim	NOBAHAR
For:		IC DATA STORAGE APPARATRONIC DATA STORAGE MET		EMENT FUNCTION
		INFORMATION DISCLO	SURE STATEMENT	MEGEWER
PO Bo	nissioner for P ox 1450 ndria, VA 223	atents		JUL 1 4 2004 OFFICE OF PETTORS
Sir:				<b>4</b> ,7
subjec	ed certain info t U.S. patent deemed mate	ce with the duty of disclosure promation which the Examiner mapplication. It is requested that rial to the examination of the su	ay consider material to the the Examiner make this object application.	e examination of the information of record
1.	Enclosures	accompanying this Information	Disclosure Statement are	<b>:</b> :
	1a.	Form PTO-1449. Copies of IDS citations. An English language copy of sapplication or a PCT Internation English language translation (deach non-English language put Explanations of Relevancy of Inproviding a concise explanation List of Copending Applications List of Additional Submitted Definitions	onal Search Report. complete or relevant porti ublication. References (ATTACHMEI n of each non-English pu s (ATTACHMENT 1(f), her	ion(s)) attached to  NT 1(e), hereto) for blication. reto).
2. 🗵	This Inform	mation Disclosure Statement is	filed under 37 CFR §1.97	7(b):
	2a. 🗌	(Check either Item 2 Within three months of the filin Continued Prosecution Applica	ng date of a national appli	cation other than a
	2b. ☐ 2c. ☐ 2d. ⊠	Within three months of the dat § 1.491 in an international app Before the mailing of a first Off Before the mailing of a first Off Continued Examination under	te of entry of the national solication. Fice Action on the merits; fice Action after the filing	or

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3.	specified Action und	mation Disclosure Statement is filed under 37 CFR § 1.97(c) after the period in paragraph 2 above but before the mailing date of any of a Final Office der § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise esecution in the application, AND  (Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)
	3a.	The §1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  enclosed.
		to be charged to Deposit Account No. 19-3935.
4.	This Infor	mation Disclosure Statement is filed under 37 CFR §1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND
	4a.	The § 1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: enclosed.
		to be charged to Deposit Account No. 19-3935.
5.	Statemen	t under § 1.97(e) (applicable if Item 3a or Item 4a is checked) (Check either Item 5a or 5b)
	5a. 🗌	In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
	5b. 🗌	In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
6.	This is a ( 1.53(b).	continuation/divisional/continuation-in-part application under 37 CFR §
		(Check appropriate Items 6a and/or 6b)
	6a. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR §
	6b. 🗌	1.98(d). Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject

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7.	$\boxtimes$	This is a continuation/divisional application under 37 CFR § 1.53(d) or a Request for Continued Examination under 37 CFR 1.114.					
			(Check either Item 7a or 7b)				
		7a. ☐ 7b. ⊠	The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A continuation/divisional application under 37 CFR § 1.53(d) or a Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively.				
8.		This is a	Supplemental Information Disclosure Statement.				
			(Check either Item 8a or 8b)				
		8a. 🗌	This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on				
		8b. 🗌	This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR § 1.97 and 1.98, mailed				
9.		n accordai Inderstood	nce with 37 CFR § 1.98, a concise explanation of what is presently to be the relevance of each non-English language publication is:				
			(Check appropriate Items 9a, 9b, 9c and/or 9d)				
		9a. 🗌	satisfied because all non-English language publications were cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed.)				
		9b. 🔲	set forth in the application.				
		9c	satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.				
		9d. 🗌	enclosed as Attachment 1(e), hereto.				
10.	be th	e, material an search	on is made that the information cited in this Statement is, or is considered to to patentability nor a representation that a search has been made (other report(s) from a counterpart foreign application or a PCT International ort, if submitted herewith). 37 CFR §§ 1.97(g) and (h).				

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11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Registration No. 30,358

Dated: ///3// 1201 New York Ave., N.W., Suite 700

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501

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FILING DATE

June 8, 1999

Sheet 1 of 1 09/327,477 826.1547 FIRST NAMED INVENTOR Yasutsugu KURODA, et al.

GROUP ART UNIT

2132

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

		U.S. PAI	ENT DOCUMENTS			
	DOCUMENT					FILING
	NO.	DATE	NAME	CLASS	CLASS	DATE
AA						
AB						
AC						
AD						
AE						
AF						
	AB AC AD AE	AA AB AC AD AE	AA DOCUMENT NO. DATE  AB AC AD AE	AA NO. DATE NAME  AA AB AC AD AE	AA DOCUMENT NO. DATE NAME CLASS  AA A CLASS  AB AC	AA DOCUMENT NO. DATE NAME CLASS CLASS  AA AB A

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	<u>ATION</u> NO
AG							
AH							
Al							
AJ							
AK							
AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)				
AM	European Office Action Application No. 99 304 647.3 – 1525 dated February 20, 2004			

EXAMINER	DATE CONSIDERED
· ·	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.